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AMENDMENTS TO CLAIMS

Agent for Applicant has considered Examiner's comments and in light of same respectfully requests the following amendments to the claims without adding any new subject matter, namely:

1. [Currently Amended] A member selected from the group of members consisting of a chair member, a bed member and a lounge member, said member including ~~means having electrical power requirements, said member also having an information output device which~~ outputs information from said member, an energy converter which converts energy to which the chair member is exposed to electrical energy for meeting the electrical power requirements powering said information output device.
2. [Original] A member as claimed in Claim 1 wherein said energy converter comprises a solar panel provided on an exposed surface of said member.
3. [Currently Amended] A member as claimed in Claim 2 wherein said ~~means having electrical power requirements~~ information output device comprises a biorhythm sensor.
4. [Currently Amended] A member as claimed in Claim 3 including a digital display also powered by said ~~solar panel energy converter and displaying information from said biorhythm sensor.~~
5. [Currently Amended] A member as claimed in Claim 1 wherein said member comprises a chair and said ~~means having electrical power requirements comprises a biorhythm sensor~~ energy converter converts motion of a moveable portion of the chair to electrical energy.
6. [Currently Amended] A member as claimed in Claim ~~[[5]]~~ 1 wherein said ~~means having electrical power requirements additionally comprises a digital display for displaying biorhythms~~ information output device comprises a control for a moveable part of said chair, said control outputting information regarding directions of use of said control without producing the movements of the chair.

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7. [Currently Amended] A member as claimed in 5 wherein said ~~energy converter~~ comprises a generator which converts motion of the chair to the electrical energy control provides audio feedback providing the directions for use of said control.
8. [Currently Amended] A members as claimed in Claim ~~[[1]]~~ 6 wherein said ~~means having electrical power requirements~~ comprises a control for said chair including a visual display also powered by said energy converter, said visual display visually displaying the directions for use of the controls.
9. [Currently Amended] A member as claimed in Claim ~~7~~ wherein said ~~control~~ provides audio feedback providing directions for use of said ~~control~~ 1 including an electrical rechargeable power pack which is charged by said energy converter, said power pack storing the electrical energy and dispersing the electrical energy as required.
10. [Currently Amended] A member as claimed in Claim ~~[[7]]~~ 1 wherein said ~~control~~ provides electrical adjustment for an adjustable part of said member member comprises a chair having rolling casters for generating said electrical energy.
11. [Currently Amended] A member as claimed in Claim ~~1~~ including a power pack which is charged by said energy converter, said power pack storing the electrical energy and dispersing the electrical energy as required wherein said member comprises a chair and said chair has a back and seat and a moveable hinge between said back and seat for generating said electrical energy.
12. [Currently Amended] A member as claimed in Claim ~~1~~ further having electrically operated body repositioning means powered by said energy converter, or rechargeable power pack.
13. [Currently Amended] A member as claimed in Claim ~~12~~ wherein said member comprises a chair and said body repositioning means comprises a lumbar adjustment member, and said chair further includes an electrically generated timer which provides timed interval repositioning of said lumbar adjustment members.

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14. [Original] A member as claimed in Claim [[13]] ~~1 including an electrically operated timer which provides timed interval repositioning of said lumbar adjustment member wherein said information output device comprises information concerning the use of the member.~~
15. [Currently Amended] A member as claimed in Claim 1 wherein said ~~member includes an electrically operated vibrator powered by said energy converter~~ information output device is a heart rate monitor.
16. [Currently Amended] ~~A member as claimed in Claim 15 including an electrically operated timer which is powered by said energy converter and which provides timed operation of said vibrator~~ A chair having electrical power requirements, and a generator carried by said chair for converting energy to which the chair is exposed to electrical energy for powering said electrical power requirements.
17. [Currently Amended] ~~A member as claimed in Claim 1 including heating means powered by said energy converter~~ A chair as claimed in claim 16 whereby said generator converts motion of said chair to said electrical energy for meeting said chair's electrical requirements.
18. [New] A chair as claimed in Claim 17 wherein said chair includes moveable casters and said generator is disposed in said casters for converting motion of said casters to said electrical energy.
19. [New] A chair as claimed in Claim 16 further including a rechargeable battery carried by said chair, wherein said generator recharges said battery, said battery powering said electrical power requirements of said chair.
20. [New] A chair having electrical power requirements for displaying information comprising:
- (a) a rechargeable battery carried by said chair for powering said electrical power generator;
 - (b) solar power means carried by said chair for:
 - (i) providing power to said electrical power requirements to display said information; and

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- (ii) recharging said rechargeable battery;
- (c) chair movement generator means for:
 - (i) providing power to said electrical power requirements to display said information; and
 - (ii) recharging said rechargeable battery

wherein said rechargeable battery means provides power for displaying said information.

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CLAIM OBJECTIONS

Examiner stated that claims 5-6 were objected to because it appears as if the word "sensor" should be written ---sensor---. Kindly note that claim 5 has been amended so that the word "sensor" does not appear.

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35 U.S.C. § 112

Examiner stated that claim 1 claims a member selected from the group of members consisting of a chair member, a bed member and a lounge member in lines 1-3 although in line 5 of claim 1, "the chair" is positively claimed. Kindly note that claim 1 has been amended as requested.

Furthermore Examiner stated that in line 3 of claim 7, "the chair" is positively claimed. Kindly note that claim 7 has been amended so that the words "the chair" is not used.

Moreover Examiner stated that in line 3, claim 8, "said chair" is positively claimed. Kindly note that claim 8 has been amended as requested.

Moreover Examiner required clarification as to whether or not claims 1 and 7 are limited to a member or to a chair alone. Please note that claims 1 and 7 are limited to a group of members consisting of a chair member, bed member and a lounge member.

Furthermore Examiner stated that the words "said control" in claim 9, lines 1-2 and claim 10, lines 1-2 lacks sufficient antecedent basis. Please note that claims 9 and 10 have been amended.

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35 U.S.C. §102

Examiner stated that claims 1-2, 8 and 12 are rejected as being anticipated by Ortlieb (4,933,618). In particular Examiner stated that Ortlieb discloses a member (3) selected from the group of members consisting of a chair member, a bed member and a lounge member, said member (3) including means (7)(10) having electrical power requirements, said member (3) also having an energy converter (9) which converts energy to which the chair (3) is exposed to electrical energy for meeting the electrical power requirements.

Applicant respectfully states that Ortlieb does not disclose:

1. a member which includes an information output device which outputs information from the member;
2. an information output device which comprises a control for a moveable part of the chair, said control outputting information regarding directions of use of the control without producing movement of the moveable chair part;
3. the control providing an audio feedback providing directions for use of the control;
4. a chair having roller casters for generating the electrical energy;
5. a moveable hinge between the back and seat for generating the electrical energy;
6. a chair having electrical power requirements and a generator carried by the chair for converting energy to which the chair is exposed to electrical energy for powering the electrical power requirements;
7. a rechargeable battery carried by the chair where the generator recharges the battery, and the battery powers said electrical power requirements of the chair.

Applicant teaches:

...this energy conversion means typically takes one of two forms. One of those forms comprises a solar panel which picks up energy from ambient light to which the member is exposed and converts the ambient light to energy for the chair. The electrical energy from the ambient light can be converted and stored in a storage unit for use as required.

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It can be converted and used without storage for immediate requirements of the chair (see page 3, lines 10-19).

In another form, the energy conversion means comprises a power generator which converts different chair motions into the electrical energy for storage or for immediate use (see page 3, lines 20-24).

...chair 1 has a plurality of chair movement controls generally indicated at 1... These controls are provided with sensors 13. Activation of the sensors produces audible directions for use of the control through a series of voice chips generally indicated at 15. These voice chips include their own small speakers to enable a person sitting in a chair to hear the chair control directions (see page 3, lines 33, page 4, line 3).

Ortlieb teaches a chair for sunbathing which has a stationary base (see abstract).

Applicant on the other hand teaches a chair having moveable casters. Moreover Ortlieb does not teach a member having an information output device which outputs information from the member.

Although Ortlieb teaches:

preferably the microcomputer is powered by a panel of solar-cells possibly in conjunction with rechargeable nickel cadmium battery (see col. 4, lines 14-17)

Ortlieb does not teach the invention as taught by the amended claims.

Moreover Examiner stated that with respect to claim 2, the energy converter (9) of Ortlieb comprises a solar panel (9) provided on an exposed surface of the member (3). Moreover Examiner stated that with respect to claim 8, Ortlieb shows the means having electrical power requirements (7)(10) which comprises a control (10) for said chair (8). Finally, Examiner stated that with respect to claim 12, an electrically operated body repositioning means (7) is powered by the energy converter (9) of Ortlieb. Applicant respectfully states that Ortlieb does not teach claims 2, 8, and 12 as amended herein.

Examiner also stated that claims 1-2, 7 and 11 were rejected under 35 U.S.C. 102(c) as being anticipated by Jansen (6,855,016).

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In particular Examiner stated that with respect to claim 1, Jansen discloses a member (1) selected from the group of members consisting of a chair member, a bed member and a lounge member, said member including means having electrical power requirements (33), said member (1) also having an energy converter (44)(22) which converts energy to which the member is exposed to electrical energy for meeting the electrical power requirements.

In this regard, Applicant respectfully states that Jansen does not teach:

1. a member which includes an information output device which outputs information from the member;
2. an information output device which comprises a control for a moveable part of the chair, said control outputting information regarding directions of use of the control without producing movement of the moveable chair part;
3. the control providing an audio feedback providing directions for use of the control;
4. a chair having roller casters for generating the electrical energy;
5. a moveable hinge between the back and seat for generating the electrical energy
6. a chair having electrical power requirements and a generator carried by the chair for converting energy to which the chair is exposed to electrical energy for powering the electrical power requirements;
7. a rechargeable battery carried by the chair where the generator recharges the battery, and the battery powers said electrical power requirements of the chair.

Moreover with respect to claim 2, Examiner stated that Jansen shows the energy converter (44)(22) which comprises a solar panel provided on an exposed surface of the member (1). With respect to claim 7, Examiner stated that the energy converter (44)(22) of Jansen comprises a generator (22) which converts motion of the member (1) at the pedals (23) to electrical energy. In this regard, Agent for Applicant respectfully states that Jansen does not show roller casters or a hinge which converts motion to electrical energy.

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Moreover with respect to claim 11, Examiner stated that Jansen shows a power pack (42) in the form of a battery which is charged by the electrical converter (44), said power pack storing the electrical energy and dispersing the electrical energy as required.

In this regard, Agent for Applicant respectfully states that Jansen does not teach a chair which has a rechargeable battery carried by the chair as the battery (42) in Jansen relates to a watercraft having a rechargeable battery carried by the main hull (2). Furthermore the seat in Jansen does not show rolling casters which convert motion energy into electrical power requirements of the chair but rather that of the power generation to extend travel time (see abstract).

Furthermore Examiner stated that claims 1, 5-6, 8, 9 and are rejected as being unpatentable over Ziegler (6,393,348). Examiner stated that Ziegler discloses a member (1) selected from the group of members consisting of a chair member, a bed member and a lounge member, said member (1) including a means (5)(6) having electrical power requirements, said member also having an energy converter, in the form a 3-volt DC power source and amplifier (13) combined, which converts energy to which the member (1) is exposed to electrical energy for meeting the electrical power requirements.

Agent for Applicant respectfully states that Ziegler does not teach:

1. a member which includes an information output device which outputs information from the member;
2. an information output device which comprises a control for a moveable part of the chair, said control outputting information regarding directions of use of the control without producing movement of the moveable chair part;
3. the control providing an audio feedback providing directions for use of the control;
4. a chair having roller casters for generating the electrical energy;
5. a moveable hinge between the back and seat for generating the electrical energy;
6. a chair having electrical power requirements and a generator carried by the chair for converting energy to which the chair is exposed to electrical energy for powering the electrical power requirements;

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7. a rechargeable battery carried by the chair where the generator recharges the battery, and the battery powers said electrical power requirements of the chair.

Furthermore Agent for Applicant respectfully states that claims 5, 6, 8, 9 and 10 have been amended to overcome the objections outlined by the Examiner.

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35 U.S.C. 103

Examiner stated that claims 2-4 are rejected as being unpatentable over Ziegler in view of Ortlieb. Examiner stated that Ortlieb teaches the use of a solar panel (9) for power electrical components of a seat. Furthermore Examiner states that it would have been obvious to one of ordinary skill in the art at the time of the instant invention to use a solar panel as taught by Ortlieb to power the sensor and display units disclosed by Ziegler.

In this regard Agent for Applicant respectfully states that the claims have been amended so as overcome such objections.

Furthermore Examiner stated that claims 13-17 are rejected as being unpatentable over Ortlieb in view of Burt (US2002/0056709). Examiner stated that Ortlieb reveals all claimed elements with the exception of said body repositioning means comprising a lumbar adjustment member controlled by a timer, an electrically operated vibrator powered by said energy converter and controlled by a timer and a heater. In this regard, Agent for Applicant respectfully states that neither Ortlieb, Bart nor any of the prior art cited by the Examiner teach:

1. a member which includes an information output device which outputs information from the member;
2. an information output device which comprises a control for a moveable part of the chair, said control outputting information regarding directions of use of the control without producing movement of the moveable chair part;
3. the control providing an audio feedback providing directions for use of the control;
4. a chair having roller casters for generating the electrical energy;
5. a moveable hinge between the back and seat for generating the electrical energy;
6. a chair having electrical power requirements and a generator carried by the chair for converting energy to which the chair is exposed to electrical energy for powering the electrical power requirements;

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7. a rechargeable battery carried by the chair where the generator recharges the battery, and the battery powers said electrical power requirements of the chair.